

Sewage Handling & Disposal Advisory Committee Minutes
*** FINAL ***

Date: December 14, 2007

In Attendance:

Members

Tom Basham, Chairman
Marcia Degen
Bob Lee
Pam Pruett, Recorder
Joel Pinnix
John Harper

Don Alexander
Bill Keeling
John Hall
Bill Timmons
Jim Pyne

Guests

Tom Ashton, American Manufacturing
Chris Beatley, DelMarva Septic
Bennette Burkes, 3-Eng./Quanics
Mary Clark, Premier Tech
John Hasson, Eco-Pure Inc
Pete Kesecker, COS/Advantex
Bob Mayer, American Manufacturing
James Moore, Shore Soils Services
Robert Savage, VA Environmental Solutions
Rachael Stull
Quinn Zimmerman, Stokes Environmental

John Aulbach, VDH-OEHS
Rick Blackwell, VSPE
Steve Branz, Bord na Mona
Ed Festa, Eco-Pure Inc
Anish Jantrania, VDH-OEHS
Allen Knapp, VDH-OEHS
McCulley, Premier Tech
Len Moore, Eco-Pure Inc
Eric Severson, VDH Soils
Bob Willoughby, LRH Soils

- The minutes from the November 2, 2007 were reviewed and approved subject to the following changes:
 - Change “*John Pyne*” to Jim Pyne
 - Change “*60% of nitrogen*” to 40%.Jim Pyne moved to accept the minutes with changes; Bob Lee seconded the motion. The motion carried.
- Review of the *Puraflo*TM, *Ecoflo*TM, and *Advantex*TM GMP re-writes was discussed. Bob Lee indicated that he did not receive the e-mail containing the information and had therefore not reviewed the information. Joel Pinnix and Marcia Deegan indicated that not enough time had been given between the date of the e-mail containing the documents and the meeting to allow for adequate review of the proposals.

Tom Ashton indicated that he was pleased with the formalization of design parameters for using drip dispersal with the reduced footprint systems. He requested that the soil conditions that are indicative of seasonal high water table be included with the proposed GMP's by reference to the Sewage Regulations.

The minimum amount of backfill cover over absorption trenches was discussed at length. Some members felt that 4" is very little. No recommendation or motion was made on this matter.

Residential strength sewage was discussed as it pertained to the proposed GMP's. The intent is to keep residential uses for residential strength, although wastewater strengths may be otherwise certified by a professional engineer.

Maximum allowable pad sizes were discussed. There was significant opposition to limiting the pad size to 800 ft².

Larger pads could be an engineered design with observance of pressure dosing, linear loading rates, etc.

Mr. Ashton discussed panels and the desire to separate the enabler float from the redundant off to eliminate short cycling of the pump.

Rick Blackwell expressed concerns over system designs by non-engineers altogether.

Joel Pinnix moved to table the item until the legislature finalizes the practice of engineering. Bob Lee 2nd the motion. The vote yielded 2 ayes, 4 nays, and 3 abstains.

Tom Basham recommended sending out the documents as design guidance only.

Marcia Degan moved to revisit the issue upon the next meeting. John Harper 2nd. The vote yielded all ayes with one abstain.

Mr. McCully with Premier Tech queried the group on the status of Ecoflo as the SAC had already voted for approval to the state.

- The Lysimeter Testing of PuraFlo, Advantex, & Ecopure was discussed. Don Alexander discussed the different types of testing and the fact that VDH deferred to VT for lysimeter specifications and that VT had approved of the sampling protocol for the testing. Some participants had concerns that concerns over use of bad science for testing & approvals. They are concerned that is bad policy to approve of something based upon bad science. Mr. Alexander indicated he does not want to repeat bad science. It was agreed to look up the lysimeter test results and have them available for the next SAC meeting.
- Ecopure does not have data to enter under Provisional Approval—they are seeking experimental status. Bob Lee moved to approve the request; Marcia Deegan 2nd the motion. A vote yielded all ayes with 1 nay.
- Additional meeting dates were scheduled. They are:
March 2, 2008 May 16, 2006 August 8, 2008
All meetings are scheduled to begin at 10:00 a.m.
- Mr. Harper moved to adjourn the meeting. Joel Pinnix 2nd the motion.

